

June 15, 2011

Mr. Chae Park

U.S. Environmental Protection Agency Region 10, Water Compliance Section

1200 Sixth Avenue, OW-133

Seattle, WA 98101

Dale Haines Operations Manager

Union Oil Company of California

3800 Centerpoint Drive Suite 100 Anchorage, AK 99503 Tel 907 263 7951 Fax 907 263 7693 Email daleah@chevron.com

SCANNED

RECEIVED

JUN 20 2011

Division of Water Quality Wastewater Discharge Program

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6048 6330

Re:

NPDES Permit No. AKG-31-5001

Granite Point Tank Farm May 2011 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the May 2011 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

The discharge of produced water ceased on November 29, 2010 due to frozen lines, therefore there were no discharges reported.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Granite Point Tank Farm attached to this letter.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at mmjones@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards.

ale Vari

Dale Haines

cc: ADEC / Certified Mail 91 7108 2133 3938 6048 6347

Mr. Chae Park US Environmental Protection Agency June 15, 2011 Page 2

bcc: Susan Saupe, CIRCAC

Facility Operations Supervisors

HES 2011 NPDES DMR - GPTF File HES 2011 NPDES DMR - REGIONAL File

Patrick Moore, Exxon-Mobile

Form Approved OMB No. 2040-0004

應其

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247 FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY FROM 05/01/2011 05/31/2011 то

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge X

PARAMETER		QUAN	ITITY OR LOADIN	IG	Hara Bro	QUALITY OR COM	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
pH	SAMPLE MEASUREMENT	*****		*****		*****		0.11.0			
00400 V 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
pH 00400 W 0 See Comments	SAMPLE MEASUREMENT	******	******	*****		******	MAXIMUM				0.0.0
	PERMIT REQUIREMENT	•••••	******	*****	6 MINIMUM	******	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	******	*****	*****		MAXIMUM				OI VID
03582 T 0 See Comments	PERMIT REQUIREMENT	•••••	••••	*****	*****	29 MO AVG	42 DAILY MX	mg/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	•••••	*****	*****	*****		BAILTIMA			, reduly	OIVAB
03582 U 0 See Comments	PERMIT REQUIREMENT	•••••	*****	*****	*****	29 MO AVG	42	mg/L		Weekly	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				*****	******	DAILY MX	*****		Treekiy	COMP24
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	******	*****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	***** Tip			*****	*****	*****	*****		worldily	ESTIMA
	PERMIT REQUIREMENT	*****	Req. Mon. MO TOTAL	occur/mo	*****	*****	******	*****		Daily	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or				
John Zager, General Manager	information submitted. Based on my inquiry of the person or persons who manage the system or these accordance		TEL	EPHONE	DATE
Mid Continent/Alaska Business Unit	belief, true, accurate, and complete. I am aware that there are significant penalties for exhaustion of the		(007)	276-7600	0014510044
TYPED OR PRINTED	information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	270-7600	06/15/2011
OMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSITE SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247
FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001
PERMIT NUMBER

FROM

015-A
DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY

05/01/2011

TO 05/31/2011

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge X

PARAMETER		QUAN'	TITY OR LOADIN	G		QUALITY OR CO	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	*****	******	******	*****		77.202	014113		Quarterly	GRAB
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	••••	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	e/AVG	DAILT MX			Quarterly	GRAB
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	**************************************	37 MO AVG	74	ug/L		Monthly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	WIO AVG	DAILY MX				GRAB
01079 P 0 See Comments	PERMIT REQUIREMENT	******	******	*****	*****	37 MO AVG	74 DAILY MX	ug/L		Quarterly	CALCTD
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	,	D/ALT NIX			additiony	CALCID
01079 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	37 MO AVG	74 DAILY MX	ug/L		Weekly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****		DAILTIVIX			VVCERIY	GRAB
01094 1 0 Effluent Gross	PERMIT REQUIREMENT			******	*****	1.5	3.1	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	******	MO AVG	DAILY MX			Wionany	GRAB
01094 P 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	ODAD
Zinc, total recoverable	SAMPLE MEASUREMENT	******	*****	*****	*****	o AVO	DAIL! MX	gaffin son "T		Monuny	GRAB
1094 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	1.5 MO AVG	3.1 DAILY MX	mg/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or				
Zager, General Manager	supervision accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly resmosthed for authorise the information, the information is the system.		TE	LEPHONE	DATE
The state of the s	directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false		(907)	276-7600	00/45/0044
TYPED OR PRINTED	uncernation, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(301)	270-7000	06/15/2011
COMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments have)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

P=MONT. REDUCE (II.G.6.a.1.) Q=MONT INCREASE (II.G.6.a.2.) R=ACCELERATED TESTING (III.A.7)

EPA Form 3320-1 (Rev.01/06) Previous editions may be used

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ANCHORAGE, AK 99519-6247 FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 05/01/2011 05/31/2011 то

DMR Mailing ZIP CODE: 99519

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PRODUCED WATER AND SAND

External Outfall

No Discharge X

PARAMETER		QUAN	TITY OR LOADIN	G		QUALITY OR CO	NCENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	******	*****	21	VALUE	ONTS			
01119 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	******	******	*****	67 MO AVG	130	ug/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG	DAILY MX			Monany	GRAB
01119 P 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	*****	67 MO AVG	130 DAILY MX	ug/L		Quarterly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	IIIO AVG	DAILT MA	3000		Quarterly	GRAB
01119 Q 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	*****	67 MO AVG	130 DAILY MX	ug/L		Weekly	2015
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	me Ave	DAILTIMA			vveekiy	GRAB
11123 1 0 Effluent Gross	PERMIT REQUIREMENT	****** ******	*****	*****	*****	6.1	12.3	mg/L			
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG	DAILY MX			Monthly	GRAB
11123 P 0 See Comments	PERMIT REQUIREMENT		******		*****	6.1 MO AVG	12.3	mg/L			
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	MOAVG	DAILY MX			Quarterly	GRAB
11123 Q 0 See Comments	PERMIT REQUIREMENT	••••	******	*****	*****	6.1 MO AVG	12.3	mg/L			
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	WU AVG	DAILY MX			Weekly	GRAB
99942 1 0 Effluent Gross	PERMIT REQUIREMENT		******	******	*****	14 MO AVG	20 DAILY MX	mg/L	3 10 1	Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or				
John Zager, General Manager	information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for eathering the information, the formation are the system. Or those persons who manage the system, or those persons directly responsible for eathering the information the information of the system.		TE	LEPHONE	DATE
The Desired Desired Office		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	06/15/2011
COMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

TION OF ANY VIOLATIONS (Reference all attachments here)

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FACILITY: GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001
PERMIT NUMBER

FROM

015-A
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge X

PARAMETER		QUAN'	TITY OR LOADING	G		QUALITY OR CO	NCENTRATION	1.00	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			TYPE
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****		77.202	ONTS			
39942 P 0 See Comments	PERMIT REQUIREMENT	*****	******		*****	14 MO AVG	20 DAILY MX	mg/L		Quarterly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	******		DAILTIMA			quarterly	GRAB
39942 Q 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	******	14 MO AVG	20 DAILY MX	mg/L		Weekly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	IIIIO/AIG	DAILTIMA			VVGENIY	GRAB
50259 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****		DAILTIMA			Worlding	GRAB
50259 P 0 Effluent Gross	PERMIT REQUIREMENT	•••••	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	ODAD
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	INIO AVG	DAILY MX			Quarterly	GRAB
50259 Q 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon.	mg/L			
Mercury, total (as Hq)	SAMPLE MEASUREMENT	*****	*****	*****	*****	WO AVG	DAILY MX			Weekly	GRAB
1900 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	3.1	7.9	ug/L		Monthly	ODAR
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG	DAILY MX			Worthly	GRAB
1900 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	******	3.1 MO AVG	7.9 DAILY MX	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or					
John Zager, General Manager	information submitted. Based on my inquiry of the person or persons who manage the castern or the		TELEPHONE		DATE	
The Designation of Adams and Dusiness Unit	directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false		(907)	276-7600	06/15/2011	
	information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			00/13/2011	
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LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

015-A
DISCHARGE NUMBER

 MONITORING PERIOD

 MM/DD/YYYY
 MM/DD/YYYY

 FROM
 05/01/2011
 TO
 05/31/2011

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge X

PARAMETER	_	QUAN'	TITY OR LOADIN	G	QUALITY OR CONCENTRATION				NO.	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX		TYPE
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****		VALUE	UNITS			
71900 Q 0 See Comments	PERMIT REQUIREMENT	*****	******	******		3.1 MO AVG	7.9 DAILY MX	ug/L		Weekly	GRAB
Toxicity, Chronic* Strongylocentrotus purpuratus	SAMPLE MEASUREMENT	*****	*****	*****	*****		DAILTIMA	TUc		Annual	GRAB
TT000 1 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	*****	1341 MO AVG**	2691	toxic		See Permit	GRAB
Toxicity, Chronic* Menidia beryllina	SAMPLE MEASUREMENT	*****	*****	*****	*****	WO AVG.	DAILY MX**	TUc		Quarterly	GRAB
TT000 1 0 See Comments	PERMIT REQUIREMENT	******	*****	*****	******	1341 MO AVG**	2691	toxic		See Permit	GRAB
Toxicity, Chronic* Mytilus galloprovincialis	SAMPLE MEASUREMENT	*****	*****	*****	*****	WIO AVG	DAILY MX**	TUc		Annual	GRAB
TT000 1 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	1341 MO AVOT	2691	toxic		See Permit	
Coxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****	MO AVG**	DAILY MX**			Gee Permit	GRAB
T000 R 0 See Comments	PERMIT REQUIREMENT	*****	*****	******	*****	1341 MO AVG	2691	toxic		San Dame!	00.15
oxicity, Chronic*	SAMPLE MEASUREMENT	*****	*****	*****	*****	WIC AVG	DAILY MX			See Permit	GRAB
T000 Q 0 iffluent Gross	PERMIT REQUIREMENT	*****	******	*****	*****	1341 MO AVG	2691 DAILY MX	toxic		See Permit	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or				
John Zager, General Manager	supervision accordance with a system designed to assure that qualified personnel properly gather and evaluate the information businitied. Based on my inquisy of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and halief two my contract of the property of the person of t		TEI	LEPHONE	DATE
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	06/15/2011
COMMENTS AND EXPLANATION OF ANY VIOLATIONS *Granite Point Tank Farm conducted its quarterly NOT	(Reference all attachments have)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

*Granite Point Tank Farm conducted its quarterly WET testing in June and its annual three species WET testing in August 2010.

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